



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/649,636 Confirmation No. 5550  
Applicant : FUKUDA, S. et al.  
Filed : August 28, 2003  
Title : STORAGE MANAGEMENT SYSTEM  
TC/AU : 2171  
Examiner : TBD  
Docket No. : 520.43064X00  
Customer No.: 24956

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 1, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration. The Examiner is informed that copies of the documents are not being provided.

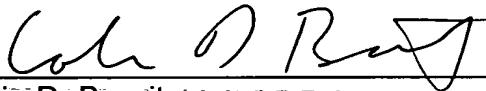
This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (520.43064X00) please credit any excess fees to such deposit account.

Respectfully submitted,



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Registration No. 35,061  
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

FORM PTO-1449 U.S. Department of  
Commerce Patent and Trademark Office

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

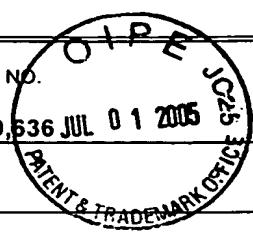
520.43064X00

10/649,536 JUL 01 2005

APPLICANT  
S. FUKUDA, et al

FILING DATE  
August 28, 2003

GROUP



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER									DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6	7	5	4	6	7	9	6/04	Oheda						
2 0 0 2	0	1	8	3	9	7	2	12/02	Enck et al							
2 0 0 3	0	0	9	3	4	3	9	5/03	Mogi et al							
2 0 0 3	0	1	1	5	3	2	4	6/03	Blumenau, et al							
2 0 0 4	0	1	2	2	7	9	9	6/04	Goyal et al							
2 0 0 4	0	2	2	1	0	4	9	11/04	Blumenau, et al							

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER									DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
		YES	NO													

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER		DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])